



Section B:2

Analytical Services

(222-S, HASP, WSCF)

PROJECT MANAGERS

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SUMMARY

The Analytical Services (AS) Project [222-S, Hanford Analytical Services Program (HASP), Waste Sampling and Characterization Facility (WSCF)] consists of Analytical Services, PBS WM06, WBS 1.2.4.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of June 30, 2001. Other data is updated as noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, DOE-RL) shows no milestones are due.

NOTABLE ACCOMPLISHMENTS

Analytical Services was restructured in June to establish a new Production Control Function. This function consolidates Analytical Services Project Coordination, Client Services, Integrated Scheduling, and Laboratory Information Management to improve planning and scheduling of the analytical process and all support work in the 222-S and WSCF laboratories.

Ninety-six contaminated HEPA filters, vintage 1978, were successfully replaced and tested at the 222-S Laboratory over the fourth of July weekend. Disruption of analytical work was avoided, and no injuries or skin contaminations occurred. A high level of teamwork and planning was involved in order to complete this work safely under high temperature conditions.

The analytical laboratories are performing key support to site cleanup milestones. Year to date, the laboratories have completed 10 of 12 high level waste tank grab samples and 6 of 6 high level waste tank vapor samples. Additionally, the laboratories are 95 percent complete on the first of two scheduled high level waste tank core sample reports required to meet CHG performance incentives. The final reports for one vapor sample and three Caustic Mitigation Project reports were issued in support of CHG.

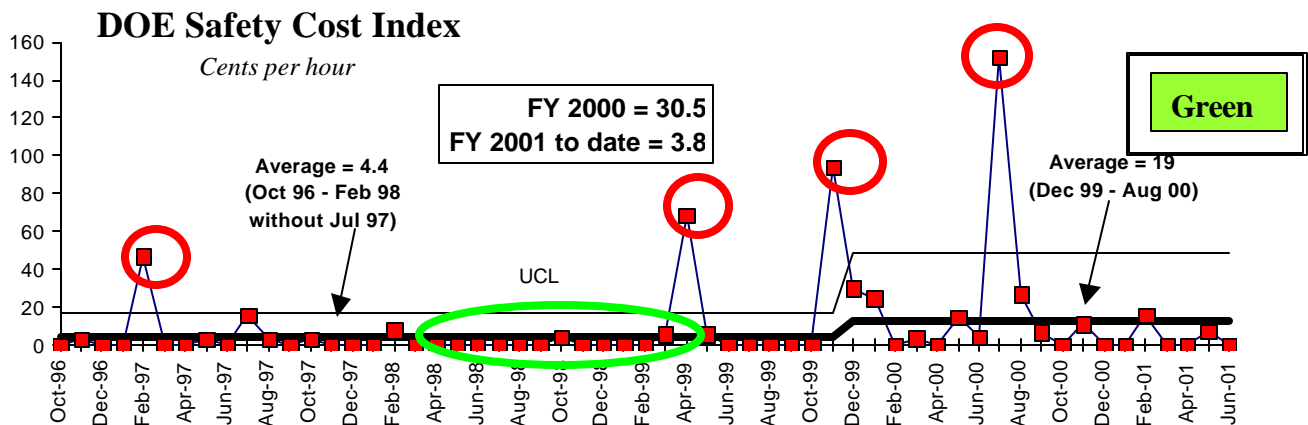
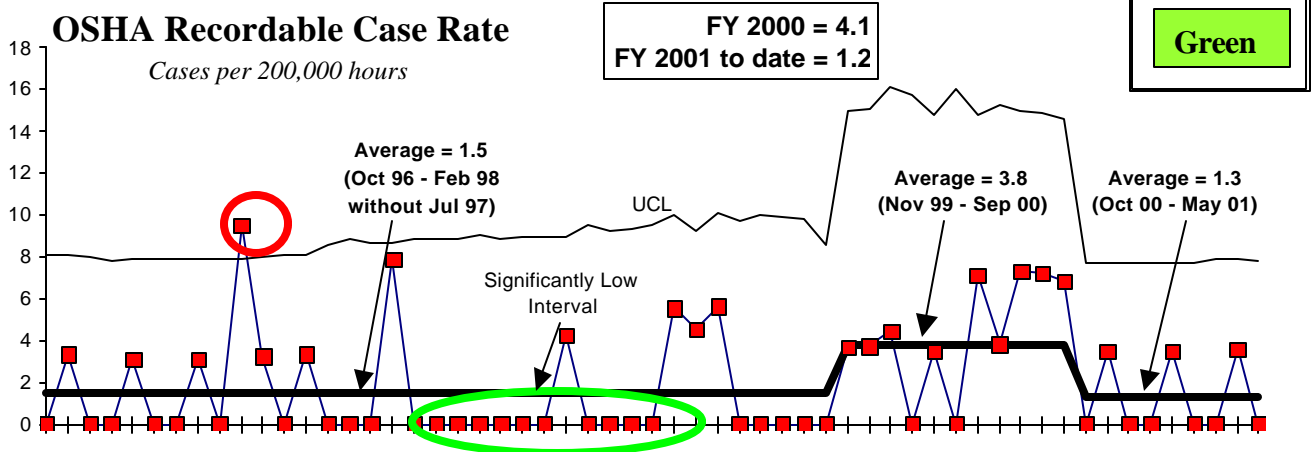
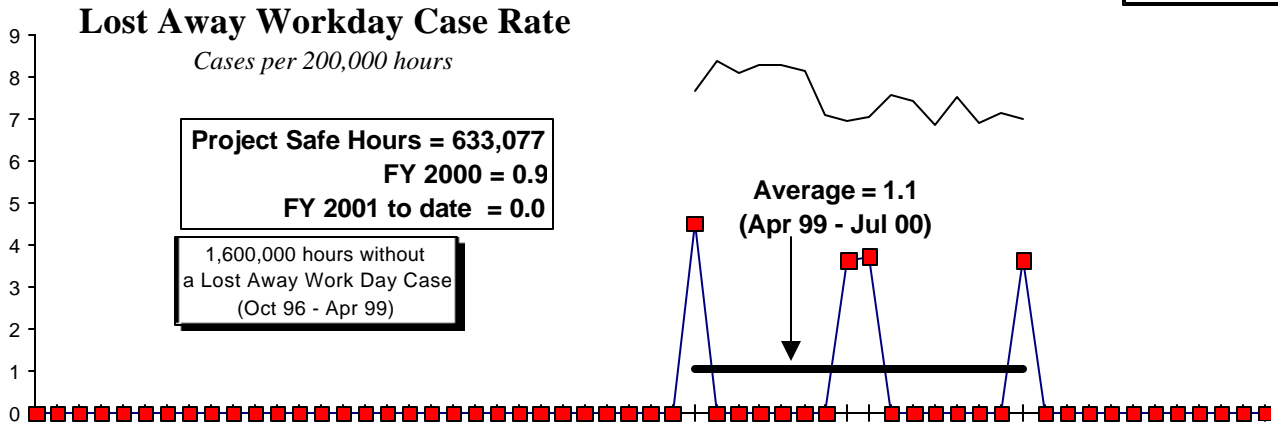
The Waste Sampling and Characterization Facility (WSCF) performed 12,200 analyses through June 2001 for a wide variety of customers. Production through July 30, 2001 was 13,400 analyses.

Both the 222-S Laboratory and WSCF have completed their actions for the Ecology Corrective Measure resulting from the Inspection of Collodion Recovery Actions. Both 222-S and WSCF have identified follow-up corrective actions that will be tracked. The Corrective Measure report was transmitted to Ecology.

SAFETY

In June 2001, there were no Restricted Workday cases and one First Aid Case. For the past nine months, the OSHA recordable case rate has been below average, but is rated "yellow" because the FH goal of 0.9 cases per 200,000 hours has not yet been reached. The DOE Safety Cost Index is rated "yellow", even though the FY 2001 rate of 3.8 cents per hour is lower than the FY 2000 rate of 30.5 cents per hour and the FH goal of 8 cents per hour. A "green" rating will be achieved when additional safe operations are demonstrated which establishes a positive statistical trend.

Green

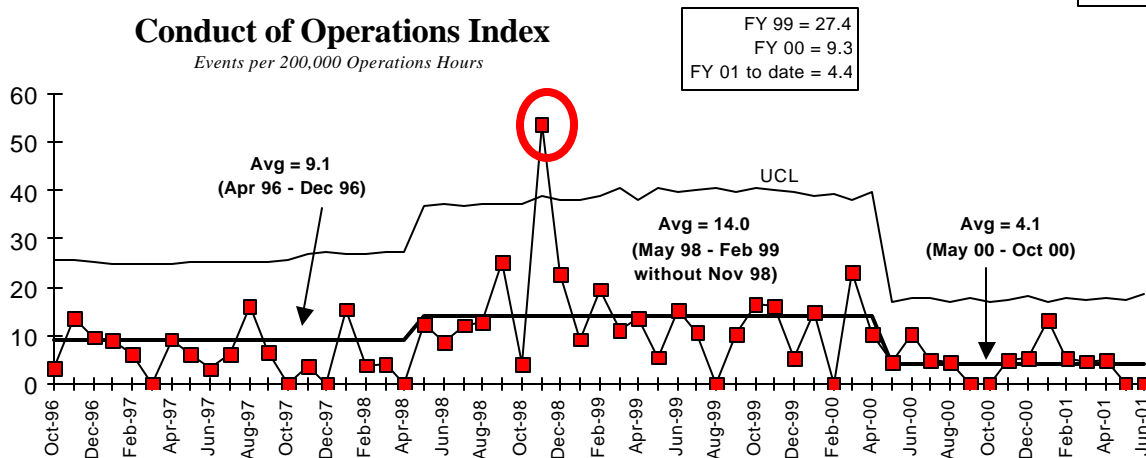


ISMS STATUS

Analytical Services ISMS status is included in the Waste Management Project Section of this report.

CONDUCT OF OPERATIONS

Green



BREAKTHROUGHS/OPPORTUNITIES FOR IMPROVEMENT

Nothing to report at this time.

UPCOMING ACTIVITIES

WIPP Waste Shipments - Continue to support the production goal of headspace analysis in support of waste shipments to Waste Isolation Pilot Plant (WIPP).

ORP Waste Treatment Plant (WTP) - Support RL and Office of River Protection (ORP) efforts to evaluate options for long-term high-activity laboratory support to the Site cleanup mission (i.e. 222-S, WTP laboratory, a new laboratory, etc.).

222-S RCRA Part B Application - Ecology has informed RL and FH that the public comment period for Modification F to the Hanford Site RCRA Permit (which includes the 222-S Laboratory Part B) will take place from July 24, 2001 to September 10, 2001.

Voluntary Protection Program (VPP) - The Analytical Services VPP Steering Committee is sponsoring interviews to determine the state of the Safety Program against the VPP criteria. The findings from the interviews will be used to answer the VPP Annual Assessment questions and criteria.

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
FO	0	0	0	0	0	0	0	0
RL	0	0	0	0	0	1	0	1
Total Project	0	0	0	0	0	1	0	1

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows.

FY 2001 Tri-Party Agreement / EA Milestones
Nothing to report at this time.
DNFSB Commitments
Nothing to report at this time.

MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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Overdue – 0

Forecast Late – 0

PERFORMANCE OBJECTIVES

Green

Laboratory Production

The analytical laboratories are performing key support to site cleanup milestones. Year to date, the laboratories have completed 10 of 12 high level waste tank grab samples and 6 of 6 high level waste tank vapor samples. Additionally, the laboratories are 95 percent complete on the first of two scheduled high level waste tank core sample reports required to meet CHG performance incentives.

FY 2001 SCHEDULE /COST PERFORMANCE – ALL FUND TYPES

CUMULATIVE TO DATE STATUS – (\$000)

Green

		FYTD							PEM	EAC
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%		
WBS 1.2.4	Analytical	\$ 23,396	\$ 23,082	\$ 22,007	\$ (314)	-1%	\$ 1,075	5%	\$ 31,842	\$ 31,469
PBS WM06	Services									
Total		\$ 23,396	\$ 23,082	\$ 22,007	\$ (314)	-1%	\$ 1,075	5%	\$ 31,842	\$ 31,469

Note: RL-Directed costs (steam and laundry) are included.

FY TO DATE SCHEDULE / COST PERFORMANCE

There is no significant schedule variance. The \$1.1 million (5 percent) favorable cost variance is primarily due to site-wide credit passbacks and an accrual reversal of FY 2000 unearned fee. Also contributing to the favorable variance is staff vacancies and delay in receipt of contract and assessment costs.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.3M)

Analytical Services — 1.2.4/WM06

Description and Cause: The \$0.3 million (1 percent) unfavorable schedule variance is within the established thresholds.

Impact: No impact.

Corrective Action: No corrective action required.

Cost Variance Analysis: (+\$1.1M)

Analytical Services — 1.2.4/WM06

Description and Cause: The \$1.1 million (5 percent) favorable cost variance is primarily due to site-wide credit passbacks and an accrual reversal of FY 2000 unearned fee. Also contributing to the favorable variance is staff vacancies and delay in receipt of contract and assessment costs.

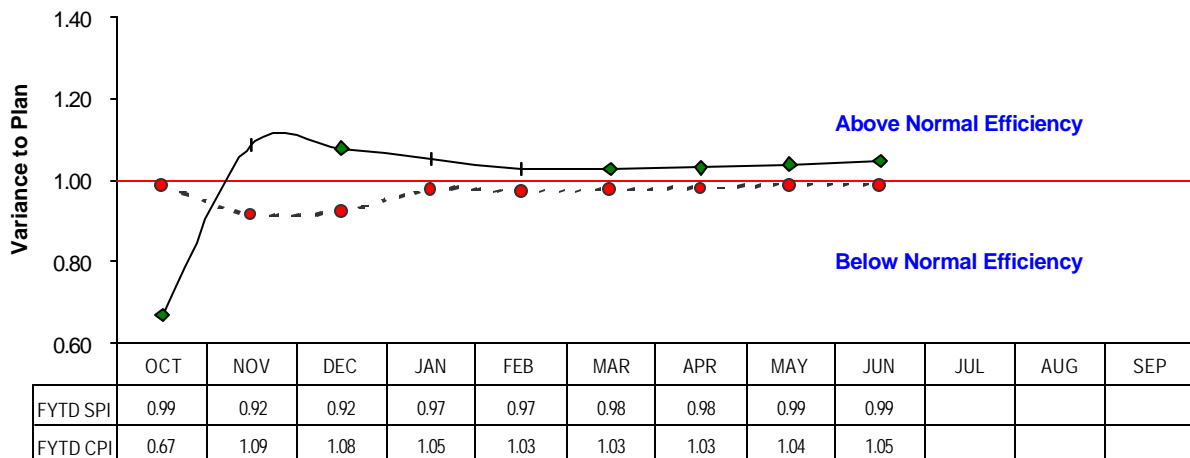
Impact: No impact.

Corrective Action: No corrective action required.

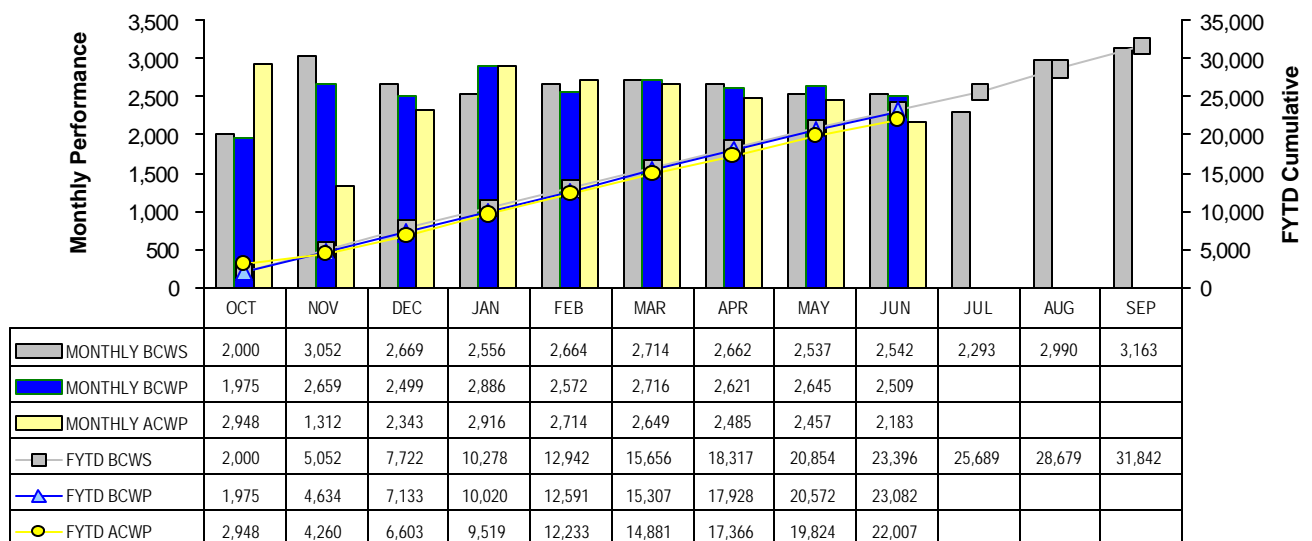
SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)

Green

Cost/Schedule Performance Indices (FYTD)



Performance Analysis
FYTD and Monthly (\$000s)



FUNDS MANAGEMENT — FY 2001 TO DATE

FUNDS VS SPENDING FORECAST (\$000)

	Funds	FYSF	Variance
1.2.4 Analytical Services			
WM06			
Post 2006 - Operating	\$ 30,766	\$ 30,419	347
Total	\$ 30,766	\$ 30,419	\$ 347

[Status through June 2001]

ISSUES

DOE, Regulatory, External, Technical Issues and DOE Requests

None identified at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	COST IMPACT \$000	S C H	T E C H	DATE	TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
		Nothing to report at this time.								
ADVANCE WORK AUTHORIZATIONS										
		Nothing to report at this time.								

KEY INTEGRATION ACTIVITIES

- Continue to support DOE-RL and ORP efforts to establish required analytical support for Waste Treatment Plant (WTP) design and operation.
- Continue to support Waste Management headspace gas analyses for transuranic (TRU) waste shipment to WIPP.
- Support CHG high-level waste tank and feed to WTP characterization.